

19991024.qrp v01_n618.qrl.991024

Date: Sun, 24 Oct 1999 19:03:10 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1618

QRP-L Digest 1618

Topics covered in this issue include:

- 1) [53930] Re: ARCI Contest...Thanks!
by N7YA@aol.com
- 2) [53931] Re: G5RV installation question
by "George Edwards" <gedwards@onramp.net>
- 3) [53932] Yaesu Email Address ?
by kc8aon@juno.com
- 4) [53933] Re: TS-520
by "William R. Colbert" <af852@rgfn.epcc.edu>
- 5) [53934] Rotten RST
by REDSB0Y@aol.com
- 6) [53935] Re: Rotten RST
by Monte Stark <ku7y@dri.edu>
- 7) [53936] Attenuator formulas and programs
by Mike Czuhajewski <wa8mcq@erols.com>
- 8) [53937] qrp rig
by Tony <ka9fax@mailbox1.com>
- 9) [53938] Fox Hunt
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 10) [53939] Re: Honest RST reports
by "Al Gritzmacher " <ae2t@arrl.net>
- 11) [53940] Re: Fall QSO Party - Where is everyone??
by "Chuck Carpenter" <w5usj@globeco.net>
- 12) [53941] Re: AL7FS says things are looking up.
by "Chuck Carpenter" <w5usj@globeco.net>
- 13) [53942] Kayaking the ARCI QSO Party, mW style
by Paul Stroud <aa4xx@ipass.net>
- 14) [53943] Listserve Help
by KG8L@aol.com
- 15) [53944] ARCI Test = AF4PS happy dance
by Macstein@aol.com
- 16) [53945] Re: Listserve Help
by GE1am30092@aol.com
- 17) [53946] Re: AL7FS says things are looking up.
by DONROHER@aol.com
- 18) [53947] "HOWLERS" on 40; Sorry Ed!
by S LYON <sslyon@worldnet.att.net>
- 19) [53948] PIC Marker Generator

- by chuck.olson@sbaonline.gov
- 20) [53949] Re: "HOWLERS" on 40; Sorry Ed!
by Pete Burbank <plburbank@kih.net>
- 21) [53950] Re: Ham Radio while airborne; also cary-on luggage on airlines
by Jeff Francis <jfrancis@frii.com>
- 22) [53951] ARCI Test From the Arctic...
by Bruce Hopkins - KL7H <kl7h@arrl.net>
- 23) [53952] 10 meter goofiness in WA
by "Bill Todd" <zapzap73@hotmail.com>
- 24) [53953] Wanna Sked on 14.060 today ?
by "Sly (9M8SL)" <cqsly@tm.net.my>
- 25) [53954] Correction: Wanna Sked on 14.060 today ?
by "Sly (9M8SL)" <cqsly@tm.net.my>
- 26) [53955] Re: Wanna Sked on 14.060 today ?
by "Sly (9M8SL)" <cqsly@tm.net.my>
- 27) [53956] Re: AL7FS hears narry a sound on the bands
by Bob Patten <n4bp@bc.seflin.org>
- 28) [53957] QRP clipart
by Curt Getman <poove@nownetworks.com>
- 29) [53958] Re: "HOWLERS" on 40; keeping warm;
by S LYON <sslyon@worldnet.att.net>
- 30) [53959] ARCI Test so far...
by "Rod Cerkoney" <rlwc@frii.com>
- 31) [53960] QRP SSB Help
by mwattcpa@earthlink.net (Marty Watt)
- 32) [53961] Re: ARCI Fall QSO Party Program Problem
by "Ron Polityka" <wb3aal@talon.net>
- 33) [53962] Template for CT
by "Ron Polityka" <wb3aal@talon.net>
- 34) [53963] Re: QRP SSB Help
by Tom M <tjmc@erols.com>
- 35) [53964] RF Actuated Transmit/Receive Relay
by charles k brown <n4so@juno.com>
- 36) [53965] Re: QRP SSB Help
by Tom M <tjmc@erols.com>
- 37) [53966] Re: QRP clipart
by kc8aon@juno.com
- 38) [53967] Re: Template for CT
by Wayne Alexander <walexan@ipa.net>
- 39) [53968] Wattmeter Info Needed
by J38AL@aol.com
- 40) [53969] 75 meter noise last night
by k5xu@concentric.net
- 41) [53970] Re: QRP SSB Help
by radioham@erols.com
- 42) [53971] I am Now on...14.060
by "Sly (9M8SL)" <cqsly@tm.net.my>
- 43) [53972] None heard on 14.060...

- by "Sly (9M8SL)" <cqsly@tm.net.my>
- 44) [53973] Re: Wattmeter Info Needed
by Tom Palmer <n1tp@worldnet.att.net>
- 45) [53974] Re: ARCI Fall QSO Party Program Problem
by BenNW7DX@aol.com
- 46) [53975] WM-2 Wattmeter from Morse Ex;press
by charles k brown <n4so@juno.com>
- 47) [53976] Re: QRP clipart
by Robert McConnell <rmcconne@lightlink.com>
- 48) [53977] New 2N2/40 Rx Mute Circuit
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 49) [53978] Any K2 qrp ssb on?
by Roy <marion@montana.com>
- 50) [53979] Iowa QRP Club at Des Moines Hamfest October 31, 1999
by "John Burnley" <burnleyia@home.com>
- 51) [53980] WTB ZM-2 or ZM-1
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 52) [53981] Re: QRP SSB Help
by Monte Stark <ku7y@dri.edu>
- 53) [53982] Re: Template for CT
by Monte Stark <ku7y@dri.edu>
- 54) [53983] TT Argonaut 515 Rig Question
by "Ron Polityka" <wb3aal@talon.net>
- 55) [53984] Re: Template for CT
by Hank Kohl K8DD <k8dd@arrl.net>
- 56) [53985] Wrangell Island Nov 99
by DONROHER@aol.com
- 57) [53986] Re: WM-2 Wattmeter from Morse Ex;press
by "Marshall Emm" <mgemm@mtechnologies.com>
- 58) [53987] mW WAS & ARCI QSO Party
by Jim Hale <kj5tf@yahoo.com>
- 59) [53988] Another Radio Road Case
by Nils R Young <nilsbull@juno.com>
- 60) [53989] 5C8M....is on...
by osier <osier@northnet.org>
- 61) [53990] Re: QRP SSB Help
by "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
- 62) [53991] ARCI Fall QSO Party -- FB
by "Chuck Carpenter" <w5usj@globeco.net>
- 63) [53992] "took a dive" = understatement de AL7FS
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 64) [53993] qrp rig<<Tony
by Reed Foster <kf4zwj@yahoo.com>
- 65) [53994] G5RV installation question (summary)
by Tim Hodges <7twh@ttc-cmc.net>
- 66) [53995] 10 m qrp rig?
by Bob Nielsen <nielsen@primenet.com>
- 67) [53996] RE: 10 m qrp rig?

by "Harry Hurst" <hhurst@delaware.infi.net>
68) [53997] mW WAS ! Got the last one today
by Jim Hale <kj5tf@yahoo.com>
69) [53998] Re: mW WAS ! Got the last one today
by "Vincent Ferme" <vferme@sprint.ca>
70) [53999] QRP ARCI Fall QSO Party Soapbox
by Jim Stafford <w4qo@amsat.org>
71) [54000] FOR SALE
by George F Franklin <w0av@juno.com>
72) [54001] 12V 7AH Gel Cells For Sale
by Tim English <tje@usol.com>
73) [54002] For Sale Ad
by George F Franklin <w0av@juno.com>

Date: Sat, 23 Oct 1999 19:09:11 EDT
From: N7YA@aol.com
To: qrp-1@lehigh.edu
Subject: [53930] Re: ARCI Contest...Thanks!
Message-ID: <0.b3a20f27.25439a17@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Thanks to all who sent the speedy reply, i jumped right in and already have worked a few list members...a couple calling me by name, thats always nice!
Im on 15 now if anyone needs Nevada...im not running qrp, but 35 watts to an indoor wire is close. :-)

73...Adam, N7YA

Date: Sat, 23 Oct 1999 18:22:32 -0500
From: "George Edwards" <gedwards@onramp.net>
To: <brew@theMode.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [53931] Re: G5RV installation question
Message-ID: <00a601bf1dad\$7d4b5560\$a02efea9@computer1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My experience with the G5RV.....

the 110' (55' on each side) dipole works as a flat dipole and/or inverted vee..

worked best for me when....

the ladder line was hanging straight down (it is 33' long and is that length for a reason.....it also radiates differently on various bands) and is kept 2' or more from any masts...gutters...or other metal objects.

the coax is 70' or longer (can hang in various positions and/or lay on the roof or floor of the attic etc....in a large loop if needed....don't coil it up.)

If you don't have the height to hang the ladder line verticle....I would keep it vertical as long as possible and then slop it away.....and would always keep it 2 feet or more away from metal....

I know it works in many other set ups.....this is just what I found to work best....

there are several web pages on the G5RV.....one even has a photo article on G5RV himself...

George (ED)/K5VUU

Date: Sat, 23 Oct 1999 18:58:28 EDT
From: kc8aon@juno.com
To: qrp-1@Lehigh.EDU
Subject: [53932] Yaesu Email Address ?
Message-ID: <19991023.193537.4655.2.kc8aon@juno.com>

Does anyone have an email address for the Yaesu Technical Dept ? Having trouble with my rig and would like to contact them about it.

Email direct to : kc8aon@juno.com

Thanks in advance & 73
Rick McKee
Willow Wood, Ohio

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sat, 23 Oct 1999 00:44:16 -0600
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: qrp-1@lehigh.edu
Subject: [53933] Re: TS-520
Message-ID: <38115940.F4BAF2C0@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Glad you got the info you needed. Too bad those replying did not see fit to info post the information to the list as there are a number of others that would have been interested in the process. GL with your conversion.

73
Ray
--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Sat, 23 Oct 1999 20:20:29 EDT
From: REDSBOY@aol.com
To: qrp-1@lehigh.edu
Subject: [53934] Rotten RST
Message-ID: <0.a585842b.2543aacd@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I'm sitting here listening on 7041kc to a strong station who has been R5 in Alabama for several hours. His exchange says he is running QRP. (Why do I doubt that?) But my main comment is that he is telling EVERY station he works that they are "5NN." I realize it's convenient to have a canned message for contests, but I'll bet that every one of his contacts would really like to know how their QRP signal is being received in Indiana. Such a shame. Instead, his canned 5NN seems to be saying, "Thanks for giving me the contest points, but I really am not interested in taking the time to provide you a factual report." What a missed opportunity!

Oh, the reason I'm listening and not participating - I don't have a

transmitter, BUT IT'S ON THE WAY. See you next time, and I'll give you an honest report.

Please send flame messages to my OTHER e-mail address.

73,

Karl - W4UTI

Date: Sat, 23 Oct 1999 17:46:02 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: REDSBOY@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [53935] Re: Rotten RST
Message-ID: <Pine.GS0.4.10.9910231745060.20094-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Karl,

Not sure how long you have listened to him but with a
gooa antenna (2 ele yagi at 85') on 40m there are times
when I'll run a good string giving honist 5NN reports!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sat, 23 Oct 1999 20:53:12 -0400
From: Mike Czuhajewski <wa8mcq@erols.com>
To: QRP forum <qrp-l@lehigh.edu>
Cc: Mike Czuhajewski <wa8mcq@erols.com>
Subject: [53936] Attenuator formulas and programs
Message-ID: <38125878.32D8@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed Loranger had an interesting post. It's always good to have the

background and know how to do things the "hard way" (from formulas) before using the shortcuts (calculators and computers)--makes you much more knowledgeable. But after you have the "hard way" down pat, it's good to have handy tools to speed up the process. Doing things from the formulas does build character, but we need to be productive too, and not spend two weeks pushing a pencil. Here's one of those shortcuts for attenuators.

A few years back I uploaded a program called RF Tools to the "tools" area of the qrp-l archives at lehigh.edu. (The file name is rftools.zip.) It's copyrighted, but the program itself encourages freely sharing it and spreading it around. It's a collection of DOS routines, run from a menu, to do various electronic calculations. I have never even seen Hamcalc so I can't compare the two. There may well be some overlap between the two, and Hamcalc may even do things better and probably does more; I have no idea. But RF Tools does have one section that I've used a lot--the attenuator calculator.

You can specify the impedance on both the input and output side. They can be different, which lets you make attenuators to go from 50 to 75 ohms, for instance, to take advantage of good deals on 75 ohm attenuators you might find. (Note that there is an inherent minimum attenuation when going from one impedance to another; in the case of 50/75, it's 5.71 dB. You can't make a 50 to 75 ohm converter attenuator for any less attenuation, though you can make it for any larger amount you want. It's not a major problem; just add that figure in when doing your measurements, and don't forget to use it twice if you have one on both input and output of that 75 ohm attenuator. In this case, you'd just add 11.4 dB to whatever the value of the attenuator is.)

You can select either pi or tee configuration, as well as typing in desired attenuation values up to 2 decimal places. (In the real world, you'd probably never go that far.) Hit the F10 key to recalculate after every change, and it spits out an ASCII art drawing of the attenuator with parts values attached. Hit another key and it will toggle between exact values, or values for 1%, 5% or 10% resistors. And with each set of values it gives the actual input and output impedances as well as the actual attenuation. A very handy program, and much quicker than doing it by hand from formulas. (Although I'd recommend being familiar with the slow method as well.)

For the newcomers who may not be familiar with how to find qrp-l files and such, do an anonymous ftp to ftp.lehigh.edu. (Using a browser, type ftp:// instead of http://.) Then change directories down through pub, listserv, and then to qrp-l. At this point, if you're using a browser, you can scan down the list of folders and click on index.html, which will take you into the html environment, and you can still end up at the same place in the end.

Either way, under qrp-1 you'll see a number of directory folders. Go down to "tools" and open that. Scan down the list and you'll see rftools.txt and rftools.zip. The latter is the file itself, and the .txt file is a little introductory tidbit of mine that you can skip.

Here's the difference between doing this by normal FTP all the way or switching over to html when you see index.html. Under normal FTP, the file name, as with all text files, will have a .Z extension, such as rftools.txt.Z. That .Z on the end indicates that it is stored on their computer in a compressed format, which is *NOT* PKZIP or WINZIP, but some UNIX format. If you download that file with .Z at the end, you get the compressed file and must decompress it yourself on your computer. The utility to do that is widely available, though I don't know what it's called. (UNIX gurus should be quite familiar with it.) But it adds an extra step before you can use the file.

If you get the file through the html index, there is no .Z on the end, and it decompresses it before sending it to you. You'll get the plain text the first time around. As always, your mileage and procedures may vary--I'm using a pretty old version of Netscape to do it myself.

Anyone who likes to play around with attenuators should find this to be a handy little program. And unlike tables of attenuators in books, it lets you choose from several different component tolerances, lets you convert from one impedance to another if you want, and lets you specify any oddball attenuation value you want. And being told the actual impedance and attenuation resulting from those real-world parts values is pretty handy, too, something you will probably never find in a table anywhere.

--

73 and Queue Our Pea de WA8MCQ wa8mcq@erols.com

Date: Sat, 23 Oct 1999 20:07:56 -0500
From: Tony <ka9fax@mailbox1.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [53937] qrp rig
Message-ID: <38125BEC.3A85815E@mailbox1.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello, can anyone suggest a qrp rig new or used? I have a g5rv and a 3ele. beam with a knwd 570 . im new at qrp and need alot of help I dont know hw hard a kit is or if I can bild one. plse help 73 de Tony

KA9FAX ka9fax@mailbox1.com

Date: Sat, 23 Oct 1999 21:07:27 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:Shephed@aol.com" <Shephed@aol.com>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.edu>
Subject: [53938] Fox Hunt
Message-ID: <199910232109_MC2-8A2C-96CD@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
charset=us-ascii
Content-Disposition: inline

Dan:

Well I am both excited and anxious, as usual. Sure hope my stuff works okay. But the biggest variable will be the propagation. So let's hope OJ has a night with wide open conditions all over. Good luck, everyone :-).

72,

--Doc Lindsey/K0EVZ
DSBF
PO BOX 6028
Bismarck, ND 58506
70511.3041@compuserve.com

Date: Sat, 23 Oct 1999 21:16:06 -0400
From: "Al Gritzmacher " <ae2t@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [53939] Re: Honest RST reports
Message-ID: <199910240120.VAA31615@mx2.localnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

It's the middle of a major contest. The signals are wall-to-wall, hot and heavy. You're a contester having the best run of the contest. What do you stop to think about a signals quality? There is only one thing you care about: can you copy it or not.

In a contest any station you can pick out of the noise, QRM, station a

half-khz away, ten other stations calling, etc. is 599. If they can get through all that, they would be 599 in the clear anyway.

There are only two reports in a contest: 5NN or NIL.

=====

Anyway, I meant to send this earlier, but just got around to it. Here we are in the middle of the Fall QRP/ARCI QSO Party and I'm giving and getting REAL RST reports. If that's what it takes to make all you happy, then get on the air and join the fun. No more excuses.

=====

The amazing thing about QRP is not how many contacts are made, but that they are made at all. Every QSO is a contradiction of conventional wisdom.

72,

Al Gritzmacher, AE2T

QRP-L #1664 QRP-ARCI #9837 K2 #274

ae2t@arrl.net

<http://members.localnet.com/~ae2t/>

QRP - If you don't try, you'll never know!

Date: Sat, 23 Oct 1999 20:34:43 -0500

From: "Chuck Carpenter" <w5usj@globeco.net>

To: kanga@bright.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [53940] Re: Fall QSO Party - Where is everyone??

Message-ID: <3.0.2.32.19991023203443.007b3e50@bosshog.globeco.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hi Bill,

Made almost 75 Qs from the middle here on 10 and 15 and not trying too hard either. Had to quit today at 2000z but 10 was still going strong then.

Chuck Carpenter, EM22cv, Point, Rains County, Texas

Date: Sat, 23 Oct 1999 20:39:04 -0500

From: "Chuck Carpenter" <w5usj@globeco.net>

To: al7fs@pobox.alaska.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [53941] Re: AL7FS says things are looking up.
Message-ID: <3.0.2.32.19991023203904.007a9b70@bosshog.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Jim,

That's the way I feel about 6 meters a lot of the time from here in middle US. People all over the world seem to be working DX and all I hear is line noise and spurious from TV stations in Dallas 8^)...

Keep smiling, things will get better...

Chuck Carpenter, EM22cv, Point, Rains County, Texas

Date: Sat, 23 Oct 1999 22:06:48 -0400
From: Paul Stroud <aa4xx@ipass.net>
To: QRP-L <QRP-L@lehigh.edu>
Cc: Bob Kellogg AE4IC <AE4IC@nr.infi.net>
Subject: [53942] Kayaking the ARCI QSO Party, mW style
Message-ID: <381269B8.40DC7120@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

I though I'd share some details of a delightful day with you. The day was short on QSO's but long on fun and adventure.

The selected site for this operation was Bear Island (IOTA NA112), about three miles due east of Swansboro, NC. Bear Island is part of Hammocks Beach State Park, and is accessable either by ferry or private boat.

Recent preparation for the Spartan Sprints spurred me to consider putting together a truly lightweight, low volume station which would fit into the available hatches on a touring kayak. The radio gear would have to share space with food and other essential gear, with a total payload of around thirty pounds plus moi.

Radio gear included what was already on hand--Sierra Xcvr, DK9SQ telescoping fiberglass mast, OHR WM-1 wattmeter, homebrew L/C matching network, lightweight wire for antenna and radials, RF-1 ant analyzer, ear buds, paddlette backpacker iambic paddles, AA alkaline battery pack.

This morning dawned beautifully over coastal North Carolina. With a light wind from the West, I headed out to investigate the campsites at both ends of the island. Most of water route winds thru a large estuary with lots of waterfowl. The paddle to the west end of the island took about an hour. I stopped short of the ocean breakers, deciding to go with the more protected marsh route to get to the east end of the island, a distance of about 3.5 miles. Upon arriving at the east end, an ideal spot presented itself, a peninsula jutting out from the beach which would provide a good salt water path in all needed directions, especially West.

To keep things simple, it was decided to keep this a one band affair, so 20M was selected. A half wave (34') wire was velcroed to the fiberglass mast and eight 25' radials were laid in the wet sand. The mast was self supporting by way of a five foot piece of 1.75 in. O.D. pvc pipe, which was screwed about into the ground about 2 feet. By taking the bottom end cap off the fiberglass mast, the mast slides over the pvc pipe approx two feet. The slide is halted by a 3/4 inch O.D. "cross piece" which makes the mount look like a crucifix. This cross piece allows the pvc pipe to be screwed into the sand. This self-supporting arrangement stayed up despite rather strong winds.

Since the kayak was the only dry thing around, its seat became the operating position. The kayak was hauled out of the water to rest about ten feet from the vertical antenna. The Sierra and WM-1 were bungied to the kayak's deck, comfortably arranged so they could be adjusted while I was sitting in the kayak. The previously decided upon power level was 50mW--kinda crazy for an ARCI test--but something I've been wanting to try from an island location.

Many East Coast signals were truly 599 on my end, but propagation to the West and Central U.S. just weren't there this morning. Still, most stations that were called resulted in complete exchanges, most of the time with good signal reports. Beach-mounted verticals have proven to be quite good performers on all personal tests conducted during the past two years.

Here's the log--nothing to brag about--but proof that 50mW can be reasonably effective given an appropriate antenna:

Time	Freq	Call	S/P/C	RST	
				Sent	Rec
1511Z	14.058	K4BAI	GA	579	559
		W4DEC	AL	599	559 (Not completed--QSB on me)
		VE3JC	ON	599	559 VE3ELA operator
		N4BP	FL	599	599

	K5TF	GA	599	599	
	AA1CA	NH	599	449	
1544	K5HQV	MS	579	559	
	WA8RXI	MI	599	339	(Not completed--QSB on me)
1550	AE2T	NY	599	559	
	WZ2T	NY	599	559	
1605	K1QM	MA	599	229	(Joel answered my CQ)

After operating about an hour, my backside was telling me that it was time to wrap up this experiment, so the station was packed back into the kayak. I walked a couple miles exploring the island, and then started the long paddle back to the mainland. A constant headwind made progress slow, and it took about three hours to get back to home port, a distance of about 6 miles.

This low-cost miniadventure was a heck of a lot of fun. Thanks to all you guys with great ears who helped to make it a special day.

If there are any other QRP kayakers out there, I'd enjoy hearing from you.

72, Paul AA4XX nr. Raleigh, NC

 Date: Sat, 23 Oct 1999 22:23:28 EDT
 From: KG8L@aol.com
 To: qrp-l@lehigh.edu
 Subject: [53943] Listserve Help
 Message-ID: <0.4bd5a540.2543c7a0@aol.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset="us-ascii"
 Content-Transfer-Encoding: 7bit

Alright,

I feel like a dope for having to ask, but I'm changing ISP's and need to unsubscribe and resubscribe. What the devil are the commands?!

72/73,

Mike
 KG8L/5
 Wichita Falls, TX

Date: Sat, 23 Oct 1999 23:16:34 EDT
From: Macstein@aol.com
To: qrp-l@lehigh.edu
Subject: [53944] ARCI Test = AF4PS happy dance
Message-ID: <0.7c2037b9.2543d412@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Well, that was my first test going over 100 Qs. 127 not counting dupes.
(Hand logging is no fun with that number of contacts.) And the lucky contact
was none other than KU7Y -- my contest mentor/encourager!!! Worked about
equal number on 20 and 40, had to quit at 0300 utc. Thanks to all who put up
with my fist and dug me out. 72

-MAC-
AF4PS
Odessa, FL

Date: Sat, 23 Oct 1999 23:24:25 EDT
From: GElam30092@aol.com
To: KG8L@aol.com, qrp-l@lehigh.edu
Subject: [53945] Re: Listserve Help
Message-ID: <0.7b72417d.2543d5e9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 10/23/99 7:25:55 PM US Mountain Standard Time,
KG8L@aol.com writes:

<< What the devil are the commands?! >>

details are at <ftp://ftp.lehigh.edu/pub/listserv/qrp-l/welcome.txt>

Date: Sat, 23 Oct 1999 23:45:16 EDT
From: DONROHER@aol.com
To: al7fs@pobox.alaska.net, QRP-L@lehigh.edu
Subject: [53946] Re: AL7FS says things are looking up.
Message-ID: <0.214c83b3.2543dacc@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Jim you have me scared.....

I am coming home for the CQ WW DX....

I thought it would be a good QRP ARCI from the desert but they have more QRM here than all the Northern lights could generate..... It has been poor here, I work more stations from Wrangell than I have here so far.....

Well, back to the boat on Monday.....

Date: Sun, 24 Oct 1999 04:23:18 -0400
From: S LYON <sslyon@worldnet.att.net>
To: qrp chat <qrp-l@Lehigh.EDU>
Subject: [53947] "HOWLERS" on 40; Sorry Ed!
Message-ID: <3812C1F6.B014F39F@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Had a chance to peek in on 20 & 40 tonite... seems kind of quiet, activity-wise. 40 was interesting in that there were slo-sweep "howlers" that obliterated weaker sigs for 30-60 seconds, then faded out for a few minutes. Sure cranked the B,S, & T trying to work WE6W! We sure gave it a try, Ed -but could NOT get that number! Thanks for an Herculean try! Maybe tomorrow.

BTW, in tru FYBO fashion, I frozemubutt out there on the deck tonite it's 39 deg F and going to 30. Running 1.3w on the DSW-20, and ~3.5w on the 40+, both into the 70' sloper-zepp in the backyard. Hope to get on 20 in the morning.

72 all

-s-

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Sun, 24 Oct 99 00:59:26 -0400
From: chuck.olson@sbaonline.gov
To: qrp-l@lehigh.edu
Subject: [53948] PIC Marker Generator
Message-ID: <9910240059.A5861wk@sbaonline.gov>

Content-Type: text

Hello QRP-Lers -

I've put a zip file of the source and schematic for a simple PIC 16F84 based marker generator (crystal calibrator) on my web site at:

<http://jacksonharbor.home.att.net/markrgen.zip>

It has 100, 50, 25, 10 and 5 KHz markers, selected via a pushbutton which can be either constant or gated (pulsing for easy id). It uses the normal 4 MHz crystal along with a few resistors and caps.

It also has an option for either the normal 50% duty cycle or 10% duty cycle - I included a couple of screen shots from the Ten-Tec RX-320 (my ersatz spectrum analyzer) which show how the duty cycle affects the markers on 10 meters (the even markers are weaker at 50%, at 10% the markers vary in strength in a regular bowl pattern).

I also have a version for the 12C509, 8 pin PIC.

Comments/questions are welcome via email to:

jacksonharbor@att.net

Best Regards,

Chuck Olson, WB9KZY

Jackson Harbor Press - <http://jacksonharbor.home.att.net>

Date: Sun, 24 Oct 1999 01:21:52 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [53949] Re: "HOWLERS" on 40; Sorry Ed!
Message-ID: <3.0.32.19991024012144.0076f5b4@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 04:23 AM 10/24/99 -0400, you wrote:

>Had a chance to peek in on 20 & 40 tonite... seems kind of quiet,
>activity-wise. 40 was interesting in that there were slo-sweep "howlers"
>that obliterated weaker sigs for 30-60 seconds, then faded out for a few
>minutes.

Seab,
Was on 30 and worked South America and heard nothing unusual.
What does a "Howler" sound like. Notice that no comments from here
about sitting on the deck with a soft drink nearby.
73 Pete NV4V

Date: Sat, 23 Oct 1999 23:56:01 -0600
From: Jeff Francis <jfrancis@frii.com>
To: cverbil@jps.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [53950] Re: Ham Radio while airborne; also cary-on luggage on airlines
Message-ID: <19991023235601.A2337@geek.noducks.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Sat, Oct 23, 1999 at 04:19:25AM +0000, cverbil@jps.net wrote:

> And don't even get me started about what I sometimes check in the
> luggage for trips longer than two days...that starts with an Alinco
> DX70 (yea, yea, I know....blasphemy on this list...but I use it a
> 5w...all the time!) and includes an Outbacker Perth Plus which I
> hand carry.

Just curious, what do you use for a mount and a counterpoise for
this antenna while on the road? I'm making another business trip out
to San Jose this week, might be the perfect time to experiment a
little...

--

Jeff Francis - KC0BWS		Ack!
Systems Engineer		____/
Nortel Networks / Shasta	You cannot strengthen the	\ o.0
Denver, CO USA DM79nr	weak by weakening the	=(_)=
39d43m16.4s N 104d52m10.7s W	strong.	U
jfrancis@frii.com	--Unknown	
http://www.frii.com/~jfrancis		PRR...

Date: Sat, 23 Oct 1999 22:20:07 -0800
From: Bruce Hopkins - KL7H <k17h@arrl.net>
To: qrp-l@lehigh.edu
Subject: [53951] ARCI Test From the Arctic...
Message-ID: <v03007802b4384daf014a@[208.161.165.246]>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

Conditions up here in the land of the "Frozen Chosen" started off pretty dismal this morning... All upper bands were dead from the start of the contest until about 1800Z... When conditions are this tough, just because you hear nothing on 20 meters, doesn't mean you should turn the rig off... The first signals that I heard today started on 10 meters... Ten never opened up at our latitude but this encouraged me to at least give 15 meters a chance... NC7X poked out of the ether at about 1830 and I finally had propagation to him at 1844... Things went slowly making only a contact about every 15 or 20 minutes until almost 2100 then 15 remained OK until about 0100... I kept checking 10 and 20 during this time and 20 was showing some activity by about 0000Z... I made three contacts on 20 meters and then about 0100 the band quietly folded up its tent and slipped away... 18 QSO's with 15 SPC's (NY-IN-OK-PA-MI-TX-MO-OR-WA-BC-KY-MN-FL-WI)... High point was K5KW @ 750mW an honest 569 !!! From looking at the numbers, things could be better tomorrow so I will give her another go in the morning...

Time to go split some wood for the evening fire... Enjoy the rest of your fall guys, winter is on its way... We already have a foot of snow on the ground and we are looking for our first sub-zero temperatures (-5f) tonight... Take care and have fun... Hope to work a bunch of you tomorrow...

72 / 73 / oo's - Bruce - KL7H
Fairbanks, Alaska

"Alaska QRP Club" - Web Site: <http://home.gci.net/~bhopkins/akqrp>
or: <http://www.qsl.net/kl7aqc>
- 10 Meter Beacon: 28.282.28+/- KL7AQC / BCN

Date: Sun, 24 Oct 1999 08:06:44 GMT
From: "Bill Todd" <zapzap73@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [53952] 10 meter goofiness in WA
Message-ID: <19991024080645.34301.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hello group -

You see, I have this really nice 4 element yagi up on my garage (not REAL high you understand...but at 30 ft above ground, that's good enough).

So, I start swinging the antenna around to the SE toward Florida...because I can HEAR lots of signals, but only managed to nab WB8QYY in Ohio and then WA8ZBT in TX. I kept swinging the antenna all the way clockwise and the all the way counter clockwise...but the signals only rose and fell just a little.

I found out later in the day, that a tree had grown so much during the summer that it had completely trapped the yagi from turning. The whole time, it was aimed towards Europe.

With the help of my True Value (tm) telescoping pruning device, the tree was trimmed enough so that I will undoubtedly knock em dead tomorrow on 10 meters.

PAUL....keep the solar flares away please. Thank you.

Bill-N7MFB

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sun, 24 Oct 1999 17:00:32 +0800
From: "Sly (9M8SL)" <cqsly@tm.net.my>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [53953] Wanna Sked on 14.060 today ?
Message-ID: <19991024090032.QHK6417@User>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

Just put up a zip cord half-size G5RV on my 16.5 feet roach/squid pole, i.e. the telescopic fibreglass pole.

Fixed it to the elves of the roof with a TV L-Bracket and now the apex is abt 30 feet in an inverted V fashion.

Can't wait to try it out ??? So tonite (or early morning in the states), I'll be on 14.060 +/- qrm at about 14:00 to 15:00 UTC.

This should be a good 20 meter dx window time to the states.

Excuse my cw, it ain't perfect for I've not been on for more than a year ! Have to brush up my cw and guys/gals be patient with me.

I'll check the list B4 I'm on tonite.

72 es Happy Hunting,
de Sly, 9M8SL
fm 'The Hidden Paradise of Borneo'

Date: Sun, 24 Oct 1999 17:19:18 +0800
From: "Sly (9M8SL)" <cqsly@tm.net.my>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [53954] Correction: Wanna Sked on 14.060 today ?
Message-ID: <19991024091918.QVT6417@User>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all,

Sorry abt my earlier posting...
In my haste, I've not been telling the whole truth.
The line starting with 'Excuse my cw....' should read '...I've not been on
for more than a year from my HOME QTH !'
Have been on a few times this year while backpacking afield...that's the
only cw practice I had, so be patient...

My mistake, agn a 1000 apologies...
Hpe to cu all tonite !
de Sly, 9M8SL

>Date: Sun, 17 Oct 1999 03:34:37
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>From: "Sly (9M8SL)" <cqsly@tm.net.my>
>Subject: Wanna Sked on 14.060 today ?
>
>Hi Gang,
>
>Just put up a zip cord half-size G5RV on my 16.5 feet roach/squid pole,
i.e. the telescopic fibreglass pole.
>Fixed it to the elves of the roof with a TV L-Bracket and now the apex is
abt 30 feet in an inverted V fashion.
>Can't wait to try it out ??? So tonite (or early morning in the states),
I'll be on 14.060 +/- qrm at about 14:00 to 15:00 UTC.
>This should be a good 20 meter dx window time to the states.
>
>Excuse my cw, it ain't perfect for I've not been on for more than a year
from the HOME QTH !

>Have to brush up my cw and guys/gals be patient with me.
>
>I'll check the list B4 I'm on tonite.
>
>72 es Happy Hunting,
>de Sly, 9M8SL
>fm 'The Hidden Paradise of Borneo'
>

Date: Sun, 24 Oct 1999 17:26:20 +0800
From: "Sly (9M8SL)" <cqsly@tm.net.my>
To: WB9MII@aol.com
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [53955] Re: Wanna Sked on 14.060 today ?
Message-ID: <19991024092620.RBA6417@User>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Sure Greg et al,

Will look out for the WB9MII call ...
The whole length plus feeders of my half-sized G5RV are zip cord right to
the ATU.
Hope the few dbs loss will not hinder my contacts with the states...

Cu all,
de Sly, 9M8SL

At 05:08 AM 10/24/99 EDT, you wrote:
>Sly,
>I'm dying of curiosity...did you use TV Twinlead or Ladder Line for a feeder
>?
>72
>Greg WB9MII
>

Date: Sun, 24 Oct 1999 06:19:02 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [53956] Re: AL7FS hears narry a sound on the bands

Message-ID: <Pine.3.89.9910240626.C20000-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 23 Oct 1999, Jim Larsen AL7FS wrote:

>
> Not one QRP signal on the bands today at 9:38 AM ADT. I will check
> later. In fact, not one QRO signal either. Way to go, Paul! :-)
> Actually, it's early and the bands may take a bit to "warm up".
>

I did work KL7H yesterday afternoon on 20M with one watt. He had quite a good signal. There's hope !

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Sun, 24 Oct 1999 07:19:37 -0400
From: Curt Getman <poove@nownetworks.com>
To: qrp-1@Lehigh.EDU
Subject: [53957] QRP clipart
Message-ID: <4.1.19991024070756.009d37f0@mail.nownetworks.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm a dedicated lerker on the list. This is my first post so I hope it makes it. I'm working on using this very powerful tool (my computer) to homebrew my own QSL cards. I've come up with a couple of designs but was wondering if there is a collection of ham related clipart somewhere to jazz things up a bit. Any suggestions?

Just a little background on me. QTH Savannah, GA I've been a ham for about 12 years and am just getting active again thanks to QRP, kits, and the desire to upgrade to Extra. Presently Advanced class. Just finished my DSW-40 and I am really excited about what I can do with so little! The list is a great outlet, as I get tired of the blank stares and the "what's he so excited about" look in peoples eyes when you tell them about talking across the country on 2 watts run with 8 AA batteries!

Thanks for any help you can give on the clipart, using MS-Word and

Powerpoint for QSL generation by the way. Thanks again, Curt N9GUJ

DSW-40

ZM-2

Inverted V at about 25 ft.

And having a ball!

Date: Sun, 24 Oct 1999 12:58:15 -0400
From: S LYON <sslyon@worldnet.att.net>
To: plburbank@kih.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [53958] Re: "HOWLERS" on 40; keeping warm;
Message-ID: <38133AA6.C451BEE2@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Pete

Not being knowledgeable in the field, the best way I can describe "howlers" is that they sound like a broadly tuned noise peak about 12 db above ambient, sweeping slowly accross the band. Kind of like before you learned how to whistle thru your teeth -but were practicing. Not as pure in tone as the VLF howlers common around T-storms. Maybe NA5N has some insight to share?

BTW... re beverage on the deck last nite... I went thru 2 potsojava to keep warm and wound up reading the 8-place log tables to go to sleep!

72

-s-

Pete Burbank wrote:

>
>
> Seab,
> Was on 30 and worked South America and heard nothing unusual.
> What does a "Howler" sound like. Notice that no comments from here
> about sitting on the deck with a soft drink nearby.
> 73 Pete NV4V

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Sun, 24 Oct 1999 08:02:27 -0600
From: "Rod Cerkoney" <rwcc@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [53959] ARCI Test so far...
Message-ID: <00a501bf1e28\$f803ffc0\$6c8611d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My goal for this 'test was to beat my Spring score, & >29 states, >60 Q's. So far I have 33 states, and ~90+ Q's. States needed AR, AK, CT, DE, HI, IA, KS, ME, MT, NE, NH, ND (Doc HELP!), OK, RI, SC, VT, WY (Are there any hams in WY??? ;-) I'd love to get 40, 45 maybe 50 states.

If you in one of these state please listen for me.

72/3 Rod, N0RC Y2K -- FDIM, Ft Tuthill -- OR BUST!!! Maybe
Atlanticon, too!
da di dah

Date: Sun, 24 Oct 1999 14:29:24 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: qrp-1@lehigh.edu
Subject: [53960] QRP SSB Help
Message-ID: <38128e05.1230612@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

OK, folks, easy question time.

If I'm wanting to enter SS SSB QRP, I set my radio to 10 watts CW output (using the carrier control), switch to SSB, set the mic gain to the appropriate level indication on the meter (the infamous ALC deflection = zone?),
and I'm set to rock and roll.

Or am I? This is not intended to get rig-specific, but to verify that = the 10 watt QRP limit on SSB is based on a 10W CW carrier, and not a 10 W SSB =

voice
peak (which would be the same as a 10W CW carrier!)

--

Marty, N5NW

-----=

Memphis, Tennessee =
<http://home.earthlink.net/~mwattcpa>

Date: Sun, 24 Oct 1999 14:31:36 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [53961] Re: ARCI Fall QSO Party Program Problem
Message-ID: <000901bf1e4e\$01be6300\$11e508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I found another problem with this program. It will not
accept any DX contacts in the SPC category. It will
only accept US & Canadian SPC's.

> I can not get the power multiplier to accept 10 or 15.
> When you type in 10 it reads 0 and when you type in
> 15 it reads 5.

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI-QRP #153
VA QRP Society	

SETI @ Home Project
<http://setiathome.ssl.berkeley.edu>

Date: Sun, 24 Oct 1999 14:33:46 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [53962] Template for CT
Message-ID: <000501bf1e4e\$4fb1d4c0\$0fe508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Anyone have a CT template for the ARCI Contest?

If so can you please e-mail me the template.

Thanks,

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI-QRP #153
VA QRP Society	

SETI @ Home Project
<http://setiathome.ssl.berkeley.edu>

Date: Sun, 24 Oct 1999 10:48:44 -0400
From: Tom M <tjmc@erols.com>
To: mwattcpa@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [53963] Re: QRP SSB Help
Message-ID: <38131C4C.70A45EBF@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>>Or am I? This is not intended to get rig-specific, but to verify that the 10 watt QRP limit on SSB is based on a 10W CW carrier, and not a 10 W SSB voice.....snip

Marty,

Having worked the SS SSb, I believe it's 5 watts for the contest as per the rules... I don't remember using the 10w setting for any of the contests tho this question pops up now and then.

I've always set mine for 5w CW and switched over. (haven't been cheating myself I hope!!)

73
Tom aa2vk

Date: Sun, 24 Oct 1999 10:50:51 EDT
From: charles k brown <n4so@juno.com>
To: qrp-1@lehigh.edu
Subject: [53964] RF Actuated Transmit/Receive Relay
Message-ID: <19991023.144939.4239.2.n4so@juno.com>

Bunky Botts, K4EJQ, "An RF-Actuated T/R Relay for Your Vintage Station", CQ Magazine, Nov. 1999, p. 42-44.
E-mail info:
k4ejq@juno.com

Uses 3 transistors and a relay.
--working on a Parts List with Mouser and RadioShack parts.

Ken Brown N4SO
Mobile, AL/EM50tk
NorCal-20/5 watts/4 ele. beam

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 24 Oct 1999 10:55:21 -0400
From: Tom M <tjmc@erols.com>
To: mwattcpa@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [53965] Re: QRP SSB Help
Message-ID: <38131DD9.610C8636@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Marty,

PPS; Went and checked the General ARRL rules and as below...

QRP is defined as 5 watt PEP output or less!

Tom aa2vk

=====
3.Single Operators may be divided into sub-categories based on power output:

- 1.QRP: 5-W PEP output or less.
- 2.Low Power: 150-W PEP output or less.
- 3.High Power: More than 150-W PEP output.

Date: Sun, 24 Oct 1999 10:08:30 EDT
From: kc8aon@juno.com
To: poove@nownetworks.com, qrp-1@Lehigh.EDU
Subject: [53966] Re: QRP clipart
Message-ID: <19991024.110436.4655.4.kc8aon@juno.com>

TRY:

D'Laubach
Box 220-C
Carter, MT. 59420
Re: Ham Radio clipart

Or: Mom & Pop's Software - Free catalog on disc !
email to: momnpop@gate.net

73.....KC8AON

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 24 Oct 1999 10:10:24 -0500
From: Wayne Alexander <walexan@ipa.net>
To: wb3aal@talon.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [53967] Re: Template for CT
Message-ID: <4.2.0.58.19991024100952.00966720@popd.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I wish there was one for NA or CT.
73,
N0EA
Wayne
Willard,MO
FISTS # 4907
QRP-L # 1058

Date: Sun, 24 Oct 1999 11:25:41 EDT
From: J38AL@aol.com
To: qrp-l@lehigh.edu
Subject: [53968] Wattmeter Info Needed
Message-ID: <0.55a77e2d.25447ef5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I can't remember who sells the WM-1 (I think) wattmeter kit. I would like to get one but have lost the info.

Thanks es 73,

Al N2ZHS
Scotia, NY

Date: Sun, 24 Oct 1999 10:38:20 -0400
From: k5xu@concentric.net
To: <qrp-1@lehigh.edu>
Subject: [53969] 75 meter noise last night
Message-ID: <005d01bf1e2d\$896f5640\$324aadce@mike>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I don't know if this is the "howler" noise which has been mentioned, but, I found an unusual noise on 75 meters last night at about 0330 UTC.

It sounded similar to the noise that my computer will generate on some frequencies during boot up, but, my computer was off. It was also audible throughout the southeast and mid west according to comments on the band.

It was modulated, and you could hear the tones in am, fm, or ssb mode.

I found it first at 3885, then tracked it all over the band from top to bottom.

I don't know what it was, but it sure was making a mess for everyone.

72,

Mike Duke, K5XU, president,
Mississippi Council of the Blind

Date: Sun, 24 Oct 1999 11:32:01 -0400
From: radioham@erols.com
To: mwattcpa@earthlink.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [53970] Re: QRP SSB Help
Message-ID: <3.0.6.32.19991024113201.007b2630@pop.erols.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Marty and the gang-

I am not the ARCI contest guy, he is Joe Gervais AB7TT <vole@primenet.com>, but right on the front of the QRP ARCI homepage (<http://www.qrparci.org>), the definition of QRP is given for our contests and awards (NOTE -THIS IS DIFFERENT FROM THE ARRL):

QRP means "reduce power" and these amateur radio enthusiasts promote and enjoy the construction and operation of radio transmitters with a power output of 5 watts or less (10 watts peak power for SSB) and companion receivers. This organization - QRP ARCI - is a non-profit organization dedicated to the increasing enjoyment of QRP operation and experimentation, and to the promotion of local and regional QRP Clubs throughout the world. Join us now for a look at this fast-growing, enthusiastic hobby called QRP!

If you want to do the CW to SSB method, you set the CW carrier to 5 watts, then swith to SSB. If you operated by setting it first to 10 watts CW and then switched to SSB, your SSB peaks were on the order of 20 watts and you were definitely not QRP. Sorry.

I hope this clarifies the power level question. We don't deal with ERP or anything else - just stick your wattmeter at the output of your TX and the reading you get there governs. So you are obviously a lot better off putting that 5 watts into a 10 element monobander for 40 than a wet noodle strung between 2 lamp posts :-).

Good luck with QRP contesting and award gathering. This is a great contest to qualify for the ever popular 1,000 mile per watt award or the QRP WAS award. Check out the ARCI homepage for details. And please remember to send your logs to Joe. Full rules for the contest are on the same homepage.

72/73,

Steve, N4EUK
QRP ARCO Awards Manager

Date: Sun, 24 Oct 1999 23:33:28 +0800
From: "Sly (9M8SL)" <cqsly@tm.net.my>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [53971] I am Now on...14.060
Message-ID: <19991024153328.EMCF8847@User>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

Now on and have read ur postings.

cu de sly,9m8sl

Date: Sun, 24 Oct 1999 23:33:39 +0800
From: "Sly (9M8SL)" <cqsly@tm.net.my>
To: <qrp-1@Lehigh.EDU>
Subject: [53972] None heard on 14.060...
Message-ID: <19991024153339.EMCJ8847@User>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

Was on 14.060 calling CQ abt 20x from 14:00 to 15:00 UTC, but can't hear a thing except for some light dits...
Waited for an hour B4 qsyed to 21.040 to work a JR6SKQ, Shimoji in Okinawa.
He gave a 569.
Condx was bad, can even hear the ssb stations on 20 meters !!!
Did anyone hear my cq calls in the states?

Thanks for the try and will certainly do it agn...
The antenna is up and if condx is okay this end, I'll post the next sked.

Better Luck Next Time !

72 de Sly, 9M8SL
fm 'The Hidden Paradise of Borneo'

Date: Sun, 24 Oct 1999 15:36:45 +0100
From: Tom Palmer <n1tp@worldnet.att.net>
To: J38AL@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [53973] Re: Wattmeter Info Needed

Message-ID: <3813197D.C286A355@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Oak Hills Research

J38AL@aol.com wrote:

> I can't remember who sells the WM-1 (I think) wattmeter kit. I would like
> to get one but have lost the info.
>
> Thanks es 73,
>
> Al N2ZHS
> Scotia, NY

Date: Sun, 24 Oct 1999 12:22:28 EDT
From: BenNW7DX@aol.com
To: wb3aal@talon.net, qrp-1@lehigh.edu
Subject: [53974] Re: ARCI Fall QSO Party Program Problem
Message-ID: <0.336bda1b.25448c44@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I also found this problem. I just simply wrote the dx qso on a sheet of paper and will add it in later :)

73,
Ben
NW7DX

<< I found another problem with this program. It will not accept any DX contacts in the SPC category. It will only accept US & Canadian SPC's. >>

Date: Sun, 24 Oct 1999 12:32:02 EDT
From: charles k brown <n4so@juno.com>
To: qrp-1@lehigh.edu
Subject: [53975] WM-2 Wattmeter from Morse Ex;press
Message-ID: <19991023.163112.4495.1.n4so@juno.com>

This is not from Oak Hills Research-- Oak Hills was bought by Morse Express and you use the new info.

From: "Marshall Emm" <mgemm@mtechnologies.com>

Subject: WM-2 Wattmeter

WM-1 Wattmeter is the old version-- now current model is the new improved WM-2 Wattmeter

Oak Hills Research Kits

OHR-500 80M,40,30,20 and 15Meters covers 150Khz

OHR-100 20,30 or 40Meters

WM-2 Wattmeter

OHR Digital dial/Freq. Counter

sales@MorseX.com

Marshall Emm

N1FN/VK5FN

n1fn@MorseX.com

Morse Express and Oak Hills Research

"Everything for the Morse Enthusiast"

<http://www.MorseX.com>

<http://www.ohr.com>

(303)752-3382

--

morsex.txt

Get the Internet just the way you want it.

Free software, free e-mail, and free Internet access for a month!

Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 24 Oct 1999 12:38:04

From: Robert McConnell <rmcconne@lightlink.com>

To: poove@nownetworks.com

Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [53976] Re: QRP clipart

Message-ID: <3.0.6.16.19991024123804.20ffdc28@pop.lightlink.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Curt,

I've heard there is some available on the ARRL web site, but have not actually looked there.

Bob McConnell

N2SPP

At 07:19 AM 10/24/99 -0400, Curt Getman wrote:

>I'm a dedicated lerker on the list. This is my first post so I hope it
>makes it. I'm working on using this very powerful tool (my computer) to
>homebrew my own QSL cards. I've come up with a couple of designs but was
>wondering if there is a collection of ham related clipart somewhere to jazz
>things up a bit. Any suggestions?
>

Date: Sun, 24 Oct 1999 12:40:36 -0500
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: qrp-l@lehigh.edu
Subject: [53977] New 2N2/40 Rx Mute Circuit
Message-ID: <3.0.1.32.19991024124036.00708e20@pop.prodigy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang.....I've finally bitten the bullet and redesigned yet another Rx Mute circuit for the 2N2/40. This one uses a 2N7000 FET, so works really well. Great QSK, and no "thumps", and the sidetone is very clean. That's the good news. The bad news is that the 2N2/40 no longer uses all 2N2222 devices. Sorry Wayne! I'm just not smart enough to figure out how to do a good Rx Mute circuit using bipolars I guess.

There is updated info on my web page at:

www.qsl.net/k8iqy

Look for the "Updated Rx Mute Circuitry" toward the bottom of the page. I used the rig with the updated circuitry for the ARCI contest, and it was really fun to operate.

72 and happy building to all.....Jim, K8IQY

Date: Sun, 24 Oct 1999 11:04:50 -0600
From: Roy <marion@montana.com>
To: <elecraft@qth.net>
Cc: <elecraft@qth.net>, <qrp-l@Lehigh.EDU>
Subject: [53978] Any K2 qrp ssb on?
Message-ID: <199910241711.LAA02846@mail.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Got this K2 SSB in and need on air test. Any body want to meet me at 14280 to 85 for a K2 to K2 SSB test? Thanks Roy AB7CE

Date: Sun, 24 Oct 1999 12:14:54 -0500
From: "John Burnley" <burnleyia@home.com>
To: <IaQRP-L@divis17.ped-gen.uiowa.edu>
Cc: <qrp-1@lehigh.edu>
Subject: [53979] Iowa QRP Club at Des Moines Hamfest October 31, 1999
Message-ID: <004b01bf1e43\$4a552780\$1b790818@c149522-a.west1.ia.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Iowa QRP Club will have a display table at the upcoming Des Moines hamfest on October 31, 1999. Details for the hamfest may be found at:

<http://www.hamfestiowa.bestofiowa.com>

Please bring your latest projects for our display table! All the QRP goodies (kit or homebrew) attract a lot of attention and help us spread the good word.

We will be giving away an Elmer 101 issue of QRPP plus a NorCal log book. The goodies were donated by NorCal and my thanks to Doug and company for their continued support.

We will also have available a limited supply of the St. Louis QRP Society audio amp boards. The boards were donated by the St. Louis QRP Society and much thanks to Dave Gauding NF0R for his efforts. First come first serve on the boards. It's a great little project to put together especially if you are a new builder. If you are a new builder then please come and see me. Bring a soldering iron and we will give you the parts and help you build the kit there at the hamfest. A special thanks to Jeff Woods W00DS for providing the LM380's for the boards.

We may also have other items for sale on a consignment basis from some of the QRP vendors (more details later)!

The club will also have free hookup wire available for those interested. My employer is redoing some of their Lan wiring and I have a bunch of CAT 5

scraps. The individual wires in the cable make excellent hookup wire for those QRP projects.

We will also have some ARCI goodies for sale (back issues of QQ, mousepads, etc).

The hamfests are a lot of fun and I hope to see you all there!

72, John NU0V

Date: Sun, 24 Oct 1999 13:18:17 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [53980] WTB ZM-2 or ZM-1
Message-ID: <199910241321_MC2-8A3D-6C5D@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline

Gang:

Need to buy *fully assembled* ZM-2 or ZM-1. Either will be okay. Willing to pay good price. Must be in excellent working condition. Please advise soonest. And good luck as we begin the FOX season.

72,
--Doc Lindsey/K0EVZ
 DSBF
 PO BOX 6028
 Bismarck, ND 58506
 70511.3041@compuserve.com

Date: Sun, 24 Oct 1999 10:21:29 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Marty Watt <mwattcpa@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [53981] Re: QRP SSB Help
Message-ID: <Pine.GS0.4.10.9910241019350.23468-100000@rotor.dri.edu>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Marty,

The ARRL uses 5 watts PEP for SSB, not 10. So if you want to make the QRP listing be sure not to go over their limit.

I think setting the CW level to what you want works but not sure....I don't do enough SSB to know how to set it up!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sun, 24 Oct 1999 10:23:48 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Ron Polityka <wb3aal@talon.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [53982] Re: Template for CT
Message-ID: <Pine.GS0.4.10.9910241022570.23468-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 24 Oct 1999, Ron Polityka wrote:

> Hello,
>
> Anyone have a CT template for the ARCI Contest?

I've been told that CT does not cover the ARCI test but I won't bet on it!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sun, 24 Oct 1999 17:35:02 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [53983] TT Argonaut 515 Rig Question
Message-ID: <001f01bf1e67\$a20ba480\$48e508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Anyone one out there that owns one of these rigs?
If so, did you make a mod to cut out the AF of the
radio when you are transmitting?

Thanks,
72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI-QRP #153
VA QRP Society	

SETI @ Home Project
<http://setiathome.ssl.berkeley.edu>

Date: Sun, 24 Oct 1999 13:59:45 -0400
From: Hank Kohl K8DD <k8dd@arrl.net>
To: walexan@ipa.net

Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [53984] Re: Template for CT
Message-ID: <4.1.19991024135542.00d0faa0@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:10 AM 24-10-99 -0500, Wayne Alexander wrote:
>I wish there was one for NA or CT.
>73,
>N0EA
>Wayne

CT does not use templates for contests - they are built in to the executable. And as Ron, KU7Y said, CT does not cover the QRP-ARCI contests.

NA has a template for QRP-ARCI, however it is limited to 4 digit member numbers. I will be talking to Dave, K8CC, the author, and ask him to expand this by one digit. Buck, N8CQA, has made a template for MI QRP Club contests for NA.

73 Hank K8DD

Date: Sun, 24 Oct 1999 14:09:52 EDT
From: DONROHER@aol.com
To: QRP-L@lehigh.edu, Rmagickd@aol.com
Subject: [53985] Wrangell Island Nov 99
Message-ID: <0.658fefc3.2544a570@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Date: 29 OCT to 07 NOV, I will arrive Friday afternoon and will operate until the evening before departing 08 NOV. I am going back for the CQ WW DX phone Contest and as an IOTA (Islands on the Air, NA-041, The Alexander Archipelago). I will be working the CQ WW DX contest as a single band, 100 watts at 28.440+/-.

If there is QRM/N I will go to 7.1440 QRP. After a dismal time on the QRP freqs for the QRP ARCI this week end I feel we will probably be better at this freq. There is an A.M. station that wipes out 7.110 in the south west.

I will work the freqs: 7.110 QRP, 7.112 QRP, and 28.440 QRO, and at times 21.110 and 28.110 as requested. I will check the NOR/Cal 7.120 freq often as several have requested a call there.

I will spend days on 10 meters and most evenings on 40 meters QRP. I will at 0605 p.m. Alaska time (0305Z) call CQ on 7.110 or 7.144.

Date: Sun, 24 Oct 1999 12:14:09 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: n4so@juno.com, qrp-1@lehigh.edu
Subject: [53986] Re: WM-2 Wattmeter from Morse Express
Message-ID: <199910241811.MAA10636@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Ken Brown said--
>>This is not from Oak Hills Research-- Oak Hills was bought by Morse Express and you use the new info.<<

Thanks for the referral, Ken, but please note that OHR is still very much in business, as a separate division within Milestone Technologie, Inc. The OHR web site can still be found at www.ohr.com and mail can be addressed to qrp@ohr.com.

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express and Oak Hills Research
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
<http://www.ohr.com>
(303)752-3382
--

Date: Sun, 24 Oct 1999 11:27:05 -0700 (PDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-1@Lehigh.EDU>
Subject: [53987] mW WAS & ARCI QSO Party
Message-ID: <19991024182705.24804.rocketmail@web704.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The ARCI QSO Party was a BIG help in my effort to work

all states with less than 1 watt.
Its sunday afternoon and the bands took a dive so time
to reflect on things so far.

I didnt find the RI QSO Party, but will keep looking.

Also didnt catch NE, so still need that last state.
And I never caught IA, or KY, but heard them!

But I was able to cut down some of the moderately high
states. Like AZ was 33mW and I got W5VBO with 8mW, ID
was 35mW and I got K7TQ with 5mW, IN was 33mW and I
got W9SR with 18mW. And so on.

With this "nickle & dime" reduction my WASTP went from
1.3w to 1.1w. Makeing less than 1 watt look like it
could happen!

I REALLY need to reduce RI 100mW, and IA 150mW. And
also KY 70mW.

A BIG thanks to everyone! de Jim KJ5TF

=====

Ham radio/alt energy <http://www.qsl.net/kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Arkansas QRP Club #2

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Sun, 24 Oct 1999 14:33:02 -0400
From: Nils R Young <nilsbull@juno.com>
To: elecrafft@qth.net, QRP-L@lehigh.edu
Subject: [53988] Another Radio Road Case
Message-ID: <19991024.143316.-944267.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hegemonic co-conspirators,

Cindy wanted to go to Sam's Club to get candy for Halloween. Cheap &
Sweet's the game here. So, while we were there, we looked at all the
aisles, just to make sure we weren't missing some consumerist doodad that
would significantly improve the quality of our lives & reduce the

available monetary resources. Which we did.

Along the way, I came across an aluminum briefcase/toolcase kinda thing, very similar to the case that was noted by others as available through Harbor Freight. Damark also has something like this, but it's a real briefcase & it's smaller.

Sam's Club's version was made by ALLTRADE (1431 Via Plata, Long Beach CA 90810-1462), UPC: 0 28907 11289 3, SWC stock # 370057, Item # 630215259.

It cost about \$30, includes a bunch of separators, is lined with that ribbed rubber foam stuff that the Harbor Freight box had. The Alltrade box includes three chunks of foam which cover the entire lid piece in that kind of bumpy grey stuff, and two pieces, one about an inch thick & the other a couple inches thick, both of which fill the bottom half of the box. The thicker sheet is already "pre-cut" with little squares so you can figure how to put stuff in there.

I'd say that this case is much more ruggedly constructed & uses thicker aluminum sheet on the outside. The corners are thicker material & the riveting appears more substantial than the Harbor Freight box. (My son wants one of these, for reasons as yet indecernable [probably having to do with Dragonball Z action figures], so I'm gonna give him the Harbor Freight one, even if it does have stuff glued into it.)

Now I have a much more sturdy box for the next beach radio escapade . . . which it will be, since I'll have to escape Cindy's weedling about going on a three week vacation to see Yellowstone, the Grand Canyon & parts of the southwest that I'd like to see in a more leisurely fashion. Which, for those who have driven that trek, know it takes more 'n three weeks to see without being paid overtime & falsifying logs.

73

Nils

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes
Sonrientes

<http://home.fiberia.com/wb8ijn> -- WB8IJN --

<http://members.xoom.com/nilsbull>

"In my day you had to FIGHT to have oligarchs! Every day was a STRUGGLE!

-- Comrade Sergei Nikolaevich McTovarishov --

Get the Internet just the way you want it.

Free software, free e-mail, and free Internet access for a month!

Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 24 Oct 1999 15:19:56 -0400
From: osier <osier@northnet.org>
To: qrp-1@lehigh.EDU
Subject: [53989] 5C8M....is on...
Message-ID: <38135BDC.D79CCE16@northnet.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

To all interested

5C8M in Rabat , Morocco is on 28.480 approx. QSL via DL6FBL
What a prefix !!!!!!!

73s es GL !!!

George Osier , N2JNZ/QRP

Date: Sun, 24 Oct 1999 12:21:53 -0700
From: "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
To: radioham@erols.com, QRP-L <qrp-1@lehigh.edu>
Subject: [53990] Re: QRP SSB Help
Message-ID: <38135C51.749A6377@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Steve,

I'm concerned with your definition of how to set power for 10W PEP SSB. It sounds like you are confusing average power with peak envelope power.

You said:

"If you want to do the CW to SSB method, you set the CW carrier to 5 watts, then switch to SSB. If you operated by setting it first to 10 watts CW and then switched to SSB, your SSB peaks were on the order of 20 watts and you were definitely not QRP."

In fact, peak power for SSB and CW are the same. What is different is the average power. On CW average power is equal to the peak envelope power, since the signal runs at a 100% duty cycle. For SSB (two tone test) it is closer to 50% of the peak envelope power, due to the varying amplitude of a voice modulated SSB signal.

Setting a radio for 10W on CW and then switching to SSB will result in a 10W PEP SSB signal. Most radios limit power based upon the PEP value, regardless of mode. This is definitely the case for the K2, which reads power always as peak envelope power. This can easily be confirmed for any radio by using a peak reading watt meter or oscilloscope.

In reality a 10W PEP SSB signal results in approximately a 5W average signal.

73, Eric WA6HHQ

<http://www.elecrafter.com>

Date: Sun, 24 Oct 1999 14:42:41 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: qrp-1@Lehigh.EDU
Subject: [53991] ARCI Fall QSO Party -- FB
Message-ID: <3.0.2.32.19991024144241.007aae30@bosshog.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP-Lers,

Thanks to all for a fine party. Condx seemed fair until Sun PM on the higher bands. The low bands were VERY noisy at this QTH so I stayed high.

High points:

HP1AC 1202 UTC 24 Oct. 14 MHz (gray line?)

WD8MJH 1246 UTC 24 Oct. 14 MHz running **10 mW**... WOW, Dave, FB...

Great contacts with the group too and much enjoyed.

Chuck Carpenter, EM22cv, Point, Rains County, Texas

Date: Sun, 24 Oct 1999 12:12:42 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [53992] "took a dive" = understatement de AL7FS

Message-ID: <3813683A.1ECA010@pobox.alaska.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

That KL7H character up in Fairbanks is always bragging how much better his propagation is than Anchorage. Well, it is usually true. Fairbanks has always killed us on 6 meters, too.

Today, however, there may not be much hope for either of us. I hope it improves in the last hours of the contest but for now..."took a dive" is an understatement (big time). There are no QRP signals on any band up here at 2000Z. I will keep checking each hour in hopes of minimal openings.

"took a dive" indeed! :-)

73, Jim, AL7FS

Jim Hale wrote:

>

> The ARCI QSO Party was a BIG help in my effort to work

> all states with less than 1 watt. Its sunday afternoon and the bands took a dive

Date: Sun, 24 Oct 1999 13:16:09 -0700 (PDT)

From: Reed Foster <kf4zwj@yahoo.com>

To: qrp-1@Lehigh.EDU

Subject: [53993] qrp rig<<Tony

Message-ID: <19991024201609.23791.rocketmail@web1806.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Hey Tony,

I just recently finished the Red Hot NorCal20 radio. It works like a dream! If you are interested; the radio costs \$150 and you can order it online at www.redhotradio.com. This is one of the more complicated rigs. But hey, I'm 18 and I got it to work. The radio is more than capable of operating in the field on field day and once it is working you wouldn't find a better radio by kit. There are a few things that set it apart from the rest. One, it blocks out unwanted signals. Two, it has a frequency counter, which tells you the frequency you are operating on. Third, it has a Tick keyer in it. If

you not familiar with the tick you can find info on it at RedHot Radio's site. Basically it can store messages and stuff like that. Luxury item. If you have any more questions I am more than glad to help. Dave Fifield hangs out on this reflector too, and he's the one who made it.

Reed Foster
KF4ZWJ
Staunton,VA

--- Tony <ka9fax@mailbox1.com> wrote:
> Hello, can anyone suggest a qrp rig new or used? I
> have a g5rv and a
> 3ele. beam with a knwd 570 . im new at qrp and need
> alot of help I dont
> know hw hard a kit is or if I can bild one. plse
> help 73 de Tony
> KA9FAX c
>
>

=====

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Sun, 24 Oct 1999 14:20:32 -0600
From: Tim Hodges <7twh@ttc-cmc.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [53994] G5RV installation question (summary)
Message-ID: <38136A10.EC0852EF@ttc-cmc.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thank you all so much for your input regarding my question about a possible G5RV installation. I like posting questions like this because I get a wide range of answers.

Here is a general summary of posted and private responses:
1. First of all, any antenna is better than no antenna. If in doubt put it up and get on the air.

2. While some advertise the G5RV as a 5 band antenna, its best performance will be on 20M.

3. With my particular installation, I should leave the balanced line out of the attic and just do my best to keep it vertical and away from metal.

4. The G5RV is either the best antenna ever made, or less effective than a 50W light bulb (guess it depends on your experience).

I am still doodling with my options. I may go with a conventional coax fed trap dipole, or some sort of vertical.

Thanks again all for the input..
72 de Tim KD7JZ

[illegible]

"Through our scientific genius, we have made this world a neighborhood; now through our moral and spiritual development, we must make of it a brotherhood." - MLK, Jr.

Date: Sun, 24 Oct 1999 13:39:12 -0700
From: Bob Nielsen <nielsen@primerenet.com>
To: qrp-l@lehigh.edu
Subject: [53995] 10 m qrp rig?
Message-ID: <19991024133912.D16665@bob.localnet>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Does anyone have a recommendation for a single-band 10 meter qrp rig, preferably CW only (kit or complete)? I sold my HR-2610 at Ft. Tuthill, but wasn't that impressed with it anyway.

Bob, w6swe

Bob Nielsen Internet: nielsen@primenet.com
Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org
DM42nh http://www.primenet.com/~nielsen

Date: Sun, 24 Oct 1999 17:13:09 -0400
From: "Harry Hurst" <hhurst@delaware.infi.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [53996] RE: 10 m qrp rig?
Message-ID: <000701bf1e64\$92e1d5e0\$3e30fcd1@upstairs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I picked up a Ranger 2950 last week, it's noisy as heck, useless for weak signal work, but at least you can plug a key into it. I can work most of what I can hear despite the noise level of the rig.

What this hobby needs is a good \$55 (or even a \$100) 10 meter cw kit!

> Subject: 10 m qrp rig?
>
>
> Does anyone have a recommendation for a single-band 10 meter qrp rig,
> preferably CW only (kit or complete)? I sold my HR-2610 at Ft.
> Tuthill, but wasn't that impressed with it anyway.

Date: Sun, 24 Oct 1999 15:28:33 -0700 (PDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [53997] mW WAS ! Got the last one today
Message-ID: <19991024222833.3232.rocketmail@web702.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Well, I thought the bands had given up. I took a break and checked again. Found AB0FX from NE CQ'ing on 20M at 21:44z and tried 30mW, no good. Went up to 65mW and called with his callsign and mine. This time he heard me, and we made it work!

Thats the last state in my mW WAS effort. But still need to lower my overall power. "Worked All States Total Points". I'd like to be below 1 watt before 12/31/99.

After "spending" 65mW on NE, my WASTP stands at 1.12w.
Or 0.0224w per state.

I'd like to reduce IA, 150mW, RI 100mW, KY, 70mW, & NE
65mW.

After I get below 1 watt on all 50 states whats next?

I'm going to get my DXCC with milliwatts!

At my webpage you can see the state by state list of
mW QSO's.

See the link at the bottom of the 1st page.

Also see my mW DXCC countries worked list, with power
used.

72/3's & sometimes 71's de Jim KJ5TF

=====

Ham radio/alt energy <http://www.qsl.net/kj5tf/>

Milliwatting Editor ARCI QRP Quarterly

Arkansas QRP Club #2

Do You Yahoo!?

Bid and sell for free at <http://auctions.yahoo.com>

Date: Sun, 24 Oct 1999 18:33:00 -0400

From: "Vincent Ferme" <vferme@sprint.ca>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [53998] Re: mW WAS ! Got the last one today

Message-ID: <001d01bf1e6f\$bd1f2000\$7c1005d1@vince>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Jim,

This is fabulous!!! I have been following your "journey", it's very
exciting. I'm sure you will get all 50 under 1 Watt and I'm looking forward
to follow your DXCC with milliwatts.

73, GL, and congrats.

Vince, VE3VFN.

----- Original Message -----

From: Jim Hale <kj5tf@yahoo.com>

> After I get below 1 watt on all 50 states whats next?

>

> I'm going to get my DXCC with milliwatts!

Date: Sun, 24 Oct 1999 18:39:54 -0400

From: Jim Stafford <w4qo@amsat.org>

To: QRP-L <qrp-l@lehigh.edu>, "Joe Gervais, ab7tt" <vole@primenet.com>, Cam
Hartford N6GA <Camqrp@Cyberg8t.com>, "Randy Foltz, k7tq" <rfoltz@turbonet.com>

Subject: [53999] QRP ARCI Fall QSO Party Soapbox

Message-ID: <38138ABA.304188FE@amsat.org>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hope you all had as much fun as I did. Now let give us some HOT
news/soapbox by visiting the QRP ARCI site and pick the QUICK KEY to the
Soapbox page. Who did what to who and by how much!!!

<http://www.qrparci.org>

Doors are now open!! :) Don't you just love this hobby??? WOW!

--

Jim Stafford, W4QO 770-993-9500 VP - QRPARCI #6515

+++The THRILL is back - QRP - what ham radio is all about!

+++<http://www.qrparci.org>

Date: Sun, 24 Oct 1999 17:44:40 CDT

From: George F Franklin <w0av@juno.com>

To: qrp-l@lehigh.edu

Subject: [54000] FOR SALE

Message-ID: <19991024.174442.-787463.0.w0av@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

I have the following two QRP rigs for sale:

1 ea EMTECH 40 Meter Xcvr, excellent in operation and
appearance;

with manual, \$125.00 shipped in USA

1 ea NORCAL 20 Meter Xcvt, good appearance and operation,
with 10-turn pot and manual, \$125.00 shipped in USA

Each rig was good for better than 200 contacts on Field Day in 1998 and 1999.

Reason for selling: Just got my K2 up and running in time for the fall ARCI contest.

Please e-mail me directly.

72 de George/W0AV

Date: Sun, 24 Oct 1999 18:49:26 -0400
From: Tim English <tje@usol.com>
To: qrp-1@lehigh.edu
Subject: [54001] 12V 7AH Gel Cells For Sale
Message-ID: <4.2.0.58.19991024184551.00a0a4c0@mail.usol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

The response has been wonderful on the gel cell batteries. I still have about 3 dozen or so of these left down from 6 dozen I started with. Let me know if interested.

--
Tim, K8TJ

Ok guys here we go again ! Got a pretty large quantity of used but load tested good 12 volt 6AH and 7AH gel cells. Brands are Yuasa, Interstate, Power Patrol, Radionics and others. All cells are fully charged and ready to go. They measure 6 inches long, 3 3/4 inches high and 2 inches wide with 1/4 inch color coded spade terminals. I will ship these to your door via UPS for \$13.00 PPD. I will also offer a 30 day guarantee on any cell they doesnt take or hold a charge above 12 volts. If you are interested, please place your order quickly as they will go fast. I will ship the 7AH jobs first then the 6's so it's first come first served.

On another note, I am looking for an iambic keyer paddle such as a Bencher or Ham key as well as an iambic keyer. A memory keyer like an MFJ Grandmaster would be great or an Autek MK-1 would suffice as well.

--
72 and 73,

Tim, K8TJ

Date: Sun, 24 Oct 1999 17:56:33 CDT
From: George F Franklin <w0av@juno.com>
To: qrp-l@lehigh.edu
Subject: [54002] For Sale Ad
Message-ID: <19991024.175633.-787463.1.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hello Gang,

I neglected to state my e-mail address for responses to the for sale ad:

It is: w0av@juno.com

Thanks!

de George/W0AV

End of QRP-L Digest 1618
